

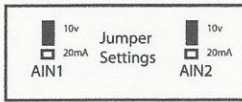
Shopmaster CNC Wiring Diagram

To enable Mach3 control of Mill Spindle Direction and Speed

NOWFOREVER E100S1R5B VFD Panel

VFD Panel Connections

- X1 - FWD Run
- X2 - REV Run
- X3 - FWD Jog
- X4 - REV Jog

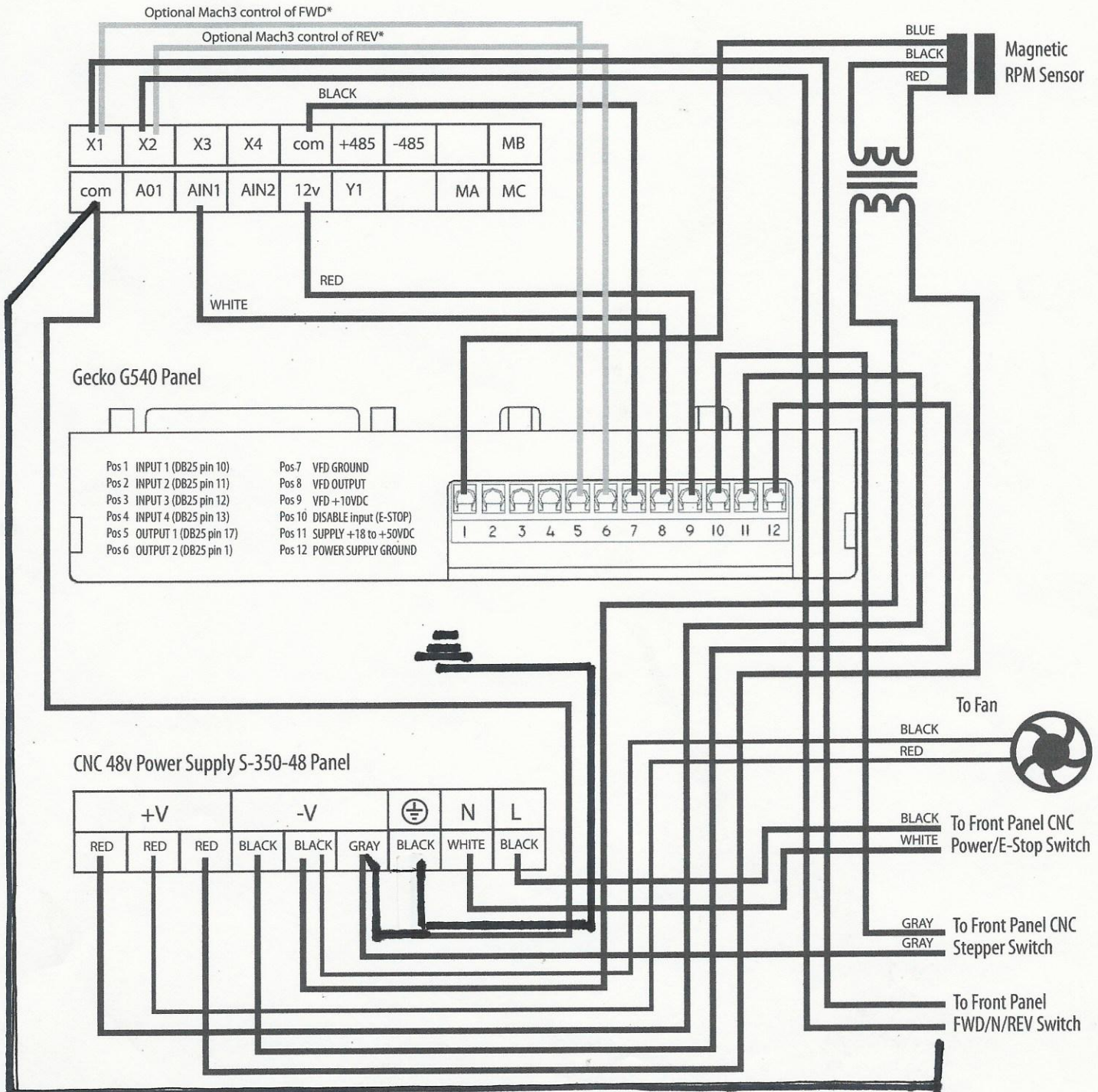


Common

- +485 - Modbus RS485+
- 485 - Modbus RS485-
- MB - Relay Out - B node - Fault NO

Common

- A01 - Analog Out 1 - Frequency Out
- AIN1 - Analog Frequency 1 - DC: 0~10v (1/1000)
- AIN2 - Analog Frequency 2 - DC: 0~10v or 0~20mA (1/1000)
- 12v - 12v power
- Y1 - Digital Out 1 - Inverter Running
- MA - Relay Out - A node - Fault NC
- MC - Relay Out - Com node



*Mach3 control of FWD/REV will make front panel switch inoperative.